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Owner's Manual

VGA with Audio Over Cat5 Extender/Splitter

Local Unit

Model: B132-004A



Tested To Comply With FCC Standards



Español

8

Français

15



Tripp Lite World Headquarters
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***Note:** Follow these instructions to ensure proper operation and prevent damage to this device and its connected equipment.*

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Package Contents

- B132-004A VGA with Audio Over Cat5 Extender/Splitter Local Unit
- 1 ft. VGA Cable
- 5V, 2A Power Supply
- Owner's Manual

Product Features

- Transmits and extends a VGA and Audio signal to up to 4 monitors; up to 500 ft using standard Cat5e/6 cable, or up to 1,000 ft (1024 x 768, 3db) using Zero-Skew UTP cable
- Expand the number of connected monitors by chaining up to 3 B132-004A Extender/Splitters together
- Features a HD15 and Audio port for local monitor and speaker connection
- Compatible with VGA, SVGA, XGA, SXGA and UXGA computer resolutions
- Supports video resolution up to 1920 x 1440
- Compatible with all operating systems

Optional Accessories

- B132-100A VGA with Audio over Cat5 Extender/Splitter Remote Unit
- B132-004-RB VGA over Cat5 Extender/Splitter Rackmount Bracket
- P504-Series Monitor Cables with 3.5 mm Audio; HD15 Male/Male and 3.5 mm Male/Male
- P502-Series Monitor Cables with RGB Coax, HD15 Male/Male
- P312-Series 3.5 mm Mini-Stereo Cable
- P524-Series Zero-Skew UTP Bulk Cable
- P525-Series Zero-Skew UTP Patch Cable
- N001- or N002-Series Cat5e Patch Cables
- N201-Series Cat6 Patch Cables

Specifications

Signal Type.....VGA, SVGA, XGA, UXGA and WUXGA
(up to 1920 x 1440)

Video Amplifier

Bandwidth.....350 Mbps

Input DDC Signal 0.7 Volts p-p (TTL)

Specifications *(continued)*

Signal Noise Ratio 90dB

Ports(x2) HD15 Female, (x2) 3.5 mm Female,
(x4) RJ45 Female

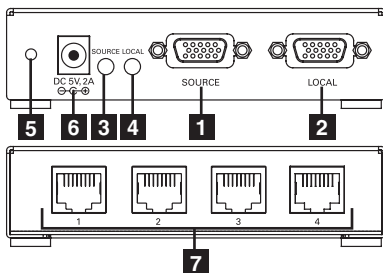
Power Supply Input: 100-240V, 50/60 Hz; Output: 5V, 2A

Dimensions (Inches) 1.1 (H) x 5 (W) x 4 (D)

Weight (lbs).....0.9

***Note:** Specifications are subject to change without notice. Mass and dimensions are approximate; please take the products as a standard.*

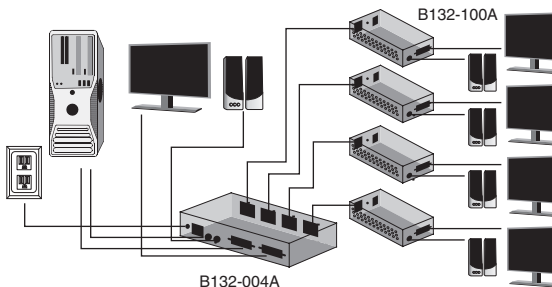
Function Description



- 1 Source Video-In Port:** HD15 Female.
- 2 Local Video-Out Port:** HD15 Female.
- 3 Source Audio-In Port:** 3.5 mm Female.
- 4 Local Audio-Out Port:** 3.5 mm Female.
- 5 Power LED:** LED illuminates when the unit is plugged in and receiving power.
- 6 Power Jack:** 5V, 2A power supply connects to the unit here.
- 7 Output Ports:** (x4) RJ45 Female; connect Cat5e/6 cable* between each port and a B132-100A VGA with Audio Over Cat5 Extender/Splitter Remote Unit (sold separately).

* Use Zero-Skew UTP cable when extending the signal over 500 ft from the source.

Installation



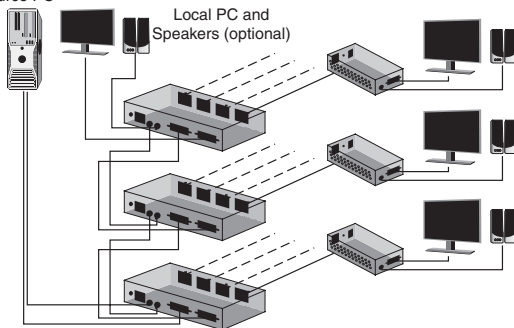
Note: Test to make sure the entire installation works properly before pulling cables through ceilings/walls.

- 1** Connect your computer to the Video Source port on the B132-004A using a VGA cable.
- 2** Connect your computer to the Audio Source port on the B132-004A using a 3.5 mm Mini-Stereo cable.
- 3** (Optional) Connect a local monitor to the Local Video port on the B132-004A using a VGA cable.
- 4** (Optional) Connect local speakers to the Local Audio port on the B132-004A using a 3.5 mm Mini-Stereo cable.
- 5** Connect the power supply to the B132-004A and plug it into an appropriate power source.
- 6** Connect the B132-004A Local Unit to a B132-100A Remote Unit (sold separately) using Cat5e/6 cable*. One B132-100A is required for each Output port on the B132-004A Local Unit.
- 7** Follow the instructions in the Owner's Manual that comes with your B132-100A Remote Unit to complete the installation.

* Use Zero-Skew UTP cable when extending the signal over 500 ft from the source.

Cascaded Installation

Source PC



You can expand the number of connected computers to 13 (12 remote, 1 local) by cascading B132-004A's together. Follow the instructions below to set up a Cascaded Installation. **Note:** A B132-004-RB VGA Over Cat5 Extender/Splitter Rackmount Bracket (sold separately) is recommended for rackmount installations. The B132-004-RB is designed to comfortably fit 3 of the B132-004A Local Units in 1U of rack space. If you are using a B132-004-RB, attach all of the B132-004A Local Units to the bracket before continuing.

- 1** Connect your computer to the Video Source port on the first B132-004A in the installation using a VGA cable.
- 2** Connect your computer to the Audio Source using a 3.5 mm Mini-Stereo cable.
- 3** Using the 1 ft VGA cable provided with the B132-004A, connect the VGA Output port on the first B132-004A in the installation to the VGA Input port on the second B132-004A in the installation. Repeat this step if you are connecting a third B132-004A Local Unit.
- 4** Using a 3.5 mm Mini-Stereo cable, connect the Local Audio port on the first B132-004A in the installation to the Source Audio port on the second B132-004A in the installation. Repeat this step if you are connecting a third B132-004A Local Unit.

Cascaded Installation *(continued)*

- 5** (Optional) Connect a local monitor to the Local Video port on the last B132-004A Local Unit in the installation using a VGA cable.
- 6** (Optional) Connect local speakers to the Local Audio port on the last B132-004A Local Unit in the installation using a 3.5 mm Mini-Stereo cable.
- 7** Connect the power supplies to all B132-004As in the installation and plug them into an appropriate power source.
- 8** Connect the B132-004A Local Units to the desired number of B132-100A Remote Units (sold separately) using Cat5e/6 cable. Use Zero-Skew UTP cable when extending the signal over 500 ft from the source. One B132-100A is required for each Output port on the B132-004A Local Units.
- 9** Follow the instructions in the Owner's Manual that comes with your B132-100A Remote Unit to complete the installation.

Safety Information

- To reduce the risk of electric shock, do not expose this product to rain or moisture.
- Operate this product using only the included external power supply. Use of other power supplies could impair performance, damage the product, or cause fire.
- Use only recommended accessories to avoid fire, shock or other hazards.
- Unplug this product before cleaning. Use a damp cloth for cleaning. Do not use cleaning fluids or aerosols, which could enter the unit and cause damage, fire or electrical shock.
- Do not attempt to service the unit. Instead, disconnect it and contact your Authorized Reseller or technician.
- Use of this equipment in life support applications where failure of this equipment can reasonably be expected to cause the failure of the life support equipment or to significantly affect its safety or effectiveness is not recommended. Do not use this equipment in the presence of a flammable anesthetic mixture with air, oxygen or nitrous oxide.

WARRANTY REGISTRATION

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* No purchase necessary. Void where prohibited. Some restrictions apply. See website for details.

1-YEAR LIMITED WARRANTY

Seller warrants this product, if used in accordance with all applicable instructions, to be free from original defects in material and workmanship for a period of 1 year from the date of initial purchase. If the product should prove defective in material or workmanship within that period, Seller will repair or replace the product, in its sole discretion. Service under this Warranty can only be obtained by your delivering or shipping the product (with all shipping or delivery charges prepaid) to: Tripp Lite; 1111 W. 35th Street; Chicago IL 60609; USA. Seller will pay return shipping charges. Call Tripp Lite Customer Service at (773) 869-1234 before sending any equipment back for repair.

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Tripp Lite follows a policy of continuous improvement. Product specifications are subject to change without notice.

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